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Video endoscopy probe has distal CCD color sensor on fitting in one piece with distal end of tubular probe with proximal end in one piece with control grip containing video processor and monitor

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Patent Family

Patent Number	Kind	Date	Application Number	Kind	Date	Week	Type
DE 19950840	A1	20000504	DE 1050840	A	19991021	200034	B
FR 2785132	A1	20000428	FR 9813708	A	19981027	200034	
GB 2345606	A	20000712	GB 9925375	A	19991027	200035	
US 6315712	B1	20011113	US 99426749	A	19991026	200173	
GB 2345606	B	20030219	GB 9925375	A	19991027	200315	

Priority Applications (Number Kind Date): FR 9813708 A (19981027)

Patent Details

Patent	Kind	Language	Page	Main IPC	Filing Notes
DE 19950840	A1		12	H04N-005/225	
FR 2785132	A1			H04N-007/18	
GB 2345606	A			A61B-001/05	
US 6315712	B1			A61B-001/05	
GB 2345606	B			A61B-001/05	

Abstract:

DE 19950840 A1

NOVELTY The probe has a distal CCD color sensor with a distal fitting (1) in one piece with the distal end of a tubular probe (2) whose proximal end is in one piece with a control grip (3) containing an integral video processor (9) and color video monitor (10). A multi-strand electrical cable (28) within the probe connects the video processor directly with an electrical microcircuit interface (27) at the distal sensor. The video processor has a regulated current supply for different stabilized D.C. voltages.

USE For video endoscopy.

ADVANTAGE The probe contains integral processing and display devices for the video signal and only requires a connection to a universal light source and power supply for fully automatic operation.

DESCRIPTION OF DRAWING(S) The drawing shows a schematic representation of a video

endoscopy probe

distal fitting (1)

tubular probe (2)

control grip (3)

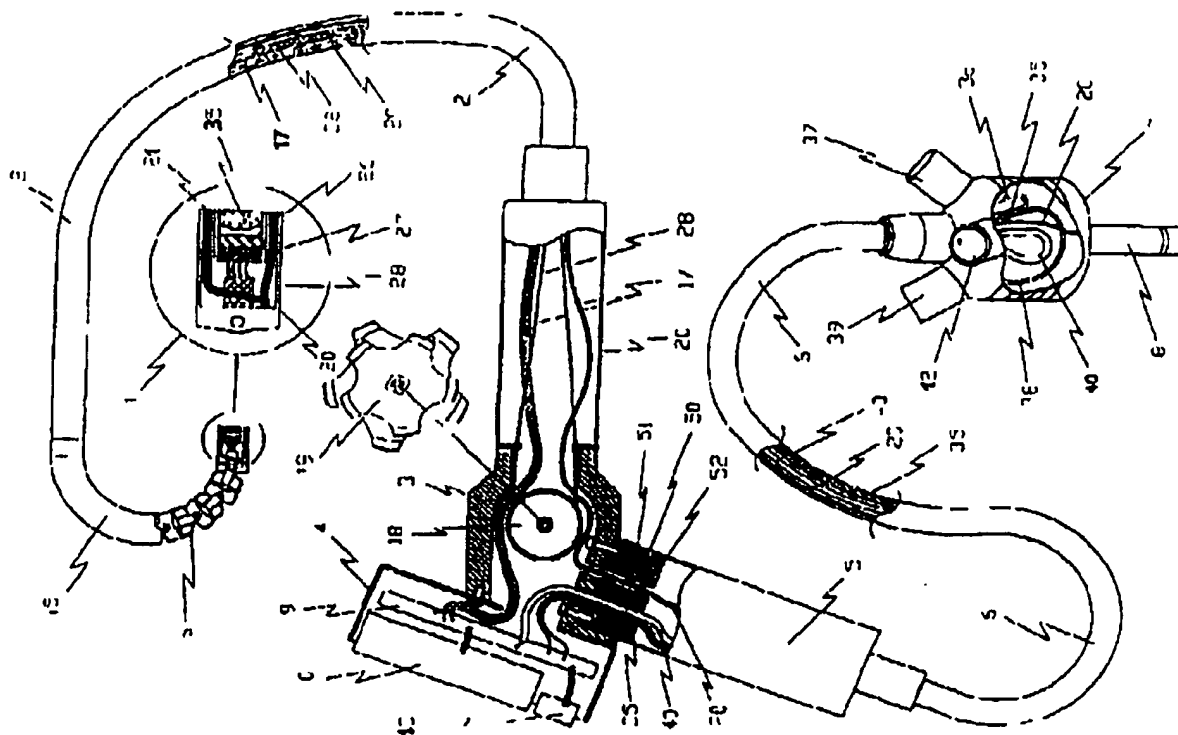
video processor (9)

monitor (10)

electrical microcircuit interface (27)

electrical cable (28)

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